



U.S.E HICKSON
15 WALLSEND DRIVE
SCARBOROUGH ONTARIO M1E 3X6
(416) 724-2000

PRODUCT : HYDROSHIELD MASTIC BRUSH 451

SECTION 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER.....U.S.E HICKSON PRODUCTS LTD.
15 WALLSEND DRIVE
SCARBOROUGH, ON
M1E 3X6
416-724-2000
PRODUCT NAME.....HYDROSHIELD BRUSH 451
PRODUCT USES.....ROOF COATING
CHEMICAL FAMILY.....ASPHALT

SECTION 02: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	EXPOSURE LEVELS	LD/50, ROUTE, SPECIES	LC/50, ROUTE, SPECIES
COMPLEX MIXTURE OF OXIDIZED BITUMEN AND SOLVENT % :60-100 CAS #:64742-93-4	5mg/m3 (FUMES) 100ppm SOLVENT	NOT ESTABLISHED	1400 ppm RAT INHALATION
MINERAL SPIRITS % :10-40 CAS #:64742-47-8	100PPM (575MG/M3)	ORAL RAT>8000MG/KG DERMAL RAT>4000MG/KG	RAT 1400PPM/4 HOURS

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF ENTRY

SKIN CONTACT.....POSSIBLE IRRITATION UPON DIRECT CONTACT. CAN CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS. PROLONGED CONTACT MAY CAUSE DEFATTING OF TISSUE
SKIN ABSORPTION.....MAY BE ABSORBED BY THE SKIN
INHALATION, CHRONIC.....SEE CHRONIC EXPOSURE.
INHALATION.....VAPORS CAN PRODUCE HEADACHE, NAUSEA, DIZZINESS, DISORIENTATION, NUMBNESS IN FINGERS AND TOES, AND IRRITATION OF NOSE AND THROAT.
INGESTION.....CAN CAUSE GASTRO-INTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA
EYE CONTACT.....VAPORS CAN PRODUCE IRRITATION. IRRITATION UPON DIRECT CONTACT
EFFECTS OF ACUTE EXPOSURE.....REFER TO ROUTE OF ENTRY
EFFECTS OF CHRONIC EXPOSURE.....MAY CAUSE DAMAGE TO THE CENTRAL NERVOUS SYSTEM, RESPIRATORY SYSTEM, LUNGS, EYES, SKIN, GASTROINTESTINAL TRACT. MAY CAUSE NAUSEA, HEADACHE, DIZZINESS AND DROWZINESS.

SECTION 04: FIRST AID MEASURES

EYE CONTACT.....IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS CONSULT DOCTOR.
SKIN CONTACT.....IMMEDIATELY FLUSH AREA WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE RE-USE. IMMEDIATELY SEEK MEDICAL AID.

PRODUCT : HYDROSHIELD MASTIC BRUSH 451**SECTION 04: FIRST AID MEASURES**

INHALATION.....REMOVE VICTIM TO FRESH AIR. IF BREATHING HAS STOPPED
PROPERLY TRAINED PERSONNEL SHOULD BEGIN ARTIFICIAL
RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY!
INGESTION.....DILUTE WITH WATER OR MILK; DO NOT INDUCE VOMITING; GET
MEDICAL ATTENTION.

SECTION 05: FIRE FIGHTING MEASURES

FLASH POINT (C), METHOD.....44 deg C SETA
AUTO IGNITION TEMPERATURE.....> 257 C (ESTIMATED)
UPPER FLAMMABLE LIMIT (% VOL)....UNKNOWN
LOWER FLAMMABLE LIMIT (% VOL)....UNKNOWN
EXTINGUISHING MEDIA.....CARBON DIOXIDE, DRY CHEMICAL, FOAM
HAZARDOUS COMBUSTION PRODUCTS...OXIDES OF CARBON (CO,CO2)
SENSITIVITY TO MECHANICAL.....NO. PROTECT AGAINST PHYSICAL DAMAGE
IMPACT
SENSITIVITY TO STATIC.....YES
DISCHARGE

SECTION 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL.....CONTAIN THE SPILL. ABSORB THE VERMICULITE, PERLITE OR
ABSORBENT EARTH. PICK UP AND BURN WITH CARE. COLLECT WASTE
IN SEALED CONTAINERS. FOLLOW ALL APPLICABLE FIRE AND
EXPLOSION PRECAUTIONS DURING THE SPILL RESPONSE PROCEDURE.
DIKE AREA TO PREVENT SPREADING. PREVENT RUNOFF INTO DRAINS,
SEWERS, AND OTHER WATERWAYS. ELIMINATE ALL SOURCES OF
IGNITION. REFER TO THE REGIONAL OFFICE OF THE ENVIRONMENTAL
MINISTRY. REMOVE CONTAMINATED SOIL.

SECTION 07: HANDLING AND STORAGE

HANDLING PROCEDURES.....AVOID: ALL SKIN CONTACT, EATING AND DRINKING ON USE.
STORAGE NEEDS.....AVOID STATIC ELECTRICITY - GROUND CONTAINERS WHEN
TRANSFERRING PRODUCT. KEEP AWAY FROM HEAT, SPARKS, AND OPEN
FLAMES. KEEP CONTAINER CLOSED WHEN NOT IN USE. OBSERVE
LOCAL REGULATIONS. PROVIDE ADEQUATE VENTILATION TO PROTECT
FROM THESE HAZARDS AND TO KEEP BELOW MAXIMUM EXPOSURE
VALUES.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

PROTECTIVE EQUIPMENT
EYE/TYPE.....SPLASH PROOF CHEMICAL GOGGLES AND FACE SHIELD.
RESPIRATORY/TYPE.....NOT NORMALLY REQUIRED. USE A SELF CONTAINED BREATHING
APPARATUS IF VAPOUR CONCENTRATION IS HIGH OR UNKNOWN.
GLOVES/ TYPE.....CHEMICAL RESISTANT GLOVES.
CLOTHING/TYPE.....WEAR ADEQUATE PROTECTIVE CLOTHES.
FOOTWEAR/TYPE.....SAFETY TYPE FOOTWEAR ITEMS.
OTHER/TYPE.....EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. EYE BATH AND
SAFETY SHOWER.
VENTILATION REQUIREMENTS.....LOCAL EXHAUST AT POINTS OF EMISSION. VENTILATION SYSTEM
MUST BE DESIGNED VAPOR AND EXPLOSION PROOF FOR HANDLING
SOLVENT VAPORS.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE.....LIQUID
ODOR.....SOLVENT ODOR.

PRODUCT : HYDROSHIELD MASTIC BRUSH 451**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

SPECIFIC GRAVITY.....0.9
VAPOR PRESSURE (mm Hg).....10 kPa (ESTIMATED)
VAPOUR DENSITY (AIR=1).....3-4 (APPROX @ 20C)
EVAPORATION RATE.....NOT APPLICABLE
VOLATILES %.....BY VOLUME:30-50 @ 20 C. BY WEIGHT: 50 APPROX
BOILING POINT (deg C).....131 C @ 1atm
pH.....NOT APPLICABLE
SOLUBILITY IN WATER (% W/W).....NOT SOLUBLE
COEFFICIENT OF WATER\OIL.....NOT APPLICABLE
DISTRIBUTION

SECTION 10: STABILITY AND REACTIVITY

INCOMPATIBILITY
REACTIVITY CONDITIONS ?.....EXCESSIVE HEAT, SPARKS AND OPEN FLAME
HAZARDOUS PRODUCTS OF.....CARBON MONOXIDE, CARBON DIOXIDE
DECOMPOSITION

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL.....SEE HAZARDOUS INGREDIENTS SECTION (2)
IRRITANCY OF MATERIAL.....REFER TO ROUTE OF ENTRY
SENSITIZING CAPABILITY OF.....IN SUSCEPTIBLE INDIVIDUALS
MATERIAL
CARCINOGENICITY OF MATERIAL.....NOT INDICATED

SECTION 12: ECOLOGICAL INFORMATION

ENVIRONMENTAL.....DISPOSE WASTE IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND
FEDERAL REGULATIONS.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL.....IN ACCORDANCE WITH MUNICIPAL, PROVINCIAL AND FEDERAL
REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

T.D.G. CLASSIFICATION.....TARS, LIQUID, UN 1999, CLASS 3, PACKING GROUP III WITH A
FLASH POINT >37.8 DEG C. UNDER PART 2.23.2 THESE DANGEROUS
GOODS ARE NOT REGULATED IN PACKAGINGS OR CONTAINERS <454 l.

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION.....CLASS B DIVISION 2. CLASS D DIVISION 2

SECTION 16: OTHER INFORMATION

PRODUCT : HYDROSHIELD MASTIC BRUSH 451

SECTION 16: OTHER INFORMATION

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PREPARED BY.....PROCESS DEVELOPMENT

PREPARATION DATE.....APR 05/2001